



Spirent TTsuite-oneM2M 1.12.0

2018-03-27 Release Notes

TTsuite-oneM2M: First TTA-certified testing tool for oneM2M conformance testing

Spirent TTsuite-oneM2M is a ready-to-use, standardized test solution for IoT/oneM2M conformance testing, covering all service layer functions. It allows users to perform fully automated conformance, interoperability and system tests to detect issues at early design stages and along the whole development process.

The oneM2M test solution provides a detailed result analysis and is flexible for future adaptations and enhancements. oneM2M applications and proprietary extensions can be built on top of it, using existing functionalities as well as plug-and-play components (TTplugins), covering technologies like CoAP, WSDL, MQTT, http, WebSockets, ASN.1, Protobuf, and more.

TTCN-3 oneM2M Release 1 v1.12.0 (based on TS-004 v.1.12.0)

- Protocol Bindings
 - HTTP
 - CoAP
 - MQTT
- Serialization
 - JSON
 - XML
- Support for
 - Upper Tester
 - Notifications

The screenshot displays the Spirent TTsuite-oneM2M software interface. The top-left pane shows a 'Management' view with a table of test cases. The top-right pane shows 'Test Data' for a specific match, displaying a tree structure of response primitive and status code data. The bottom-left pane shows a 'Graphical Resource Tree' with three nodes: 'MyAe' (red square), 'MyContainerResource' (green circle), and 'MyAe' (teal octagon). The bottom-right pane shows 'TTCN-3 Graphical Logging' with a timeline of events and a 'TCP Events' table.

Time (ms)	Operation	Resource Type	Resource Name
07:33:42.866	CREATE	AE	M/MyAe
07:33:43.042	CREATE	container	M/MyAe/MyContainerResource
07:33:43.220	DELETE	AE	M/MyAe

Test result analysis views are included to speed up the evaluation of the test results (Graphical Resource Tree view and oneM2M operations).



Download of TTsuite-oneM2M

To download TTsuite-oneM2M 1.12.0, you need to register yourself in the Spirent Customer Service Center at <https://support.spirent.com>. Afterwards, please follow these detailed instructions on [How to download TTworkbench, TTsuites & TTplugins](#).

Please direct all questions and inquiries to our support team at support@spirent.com *with **TTworkbench** in your subject line beside your topic* to ensure fast response times.

If you prefer to call our customer care department, please dial [+49 30 726 19 19 0](tel:+493072619190).

It is Spirent's intention to provide you with the highest level of customer service. Thank you for your continued interest!

Notes

This document is subject to change without notice.

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